

Appl. No. 09/530,803

AMENDMENTS TO THE CLAIMS

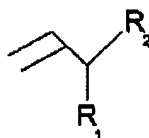
1. **(Currently Amended)** A molded article comprising a coloured polymer composition comprising

- a propylene nucleated with a polymerized vinyl compound and having an at least 7°C higher crystallization temperature than that of the corresponding non-nucleated polymer, and
- a non-white or non-black organic colour pigment having a concentration of 2 wt-% to 5 wt-% calculated from the weight of the nucleated propylene polymer wherein said polymer nucleated with a polymerized vinyl compound comprises a propylene polymer polymerized in the presence of a catalyst modified with a polymer containing vinyl compound units and wherein said article has a delta max for cross direction shrinkage of less than 0.38%.

2. **(Original)** The composition according to claim 1, wherein the colour pigment has a nucleating effect on the propylene polymer.

3. **(Original)** The composition of claim 1 or 2, wherein the shrinkage of the composition, calculated by comparing the measured dimension of an injection moulded box with the nominal mould dimension, varies less than 5% for different colour pigments.

4. **(Original)** The polymer composition according to claim 1, wherein the propylene polymer contains about 0.0001 to 1% by weight of units derived from a vinyl compound of the formula



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wherein R_1 and R_2 together for a 5 and 6 membered saturated or unsaturated or aromatic ring or they stand independently for a lower alkyl comprising 1 to 4 carbon atoms.

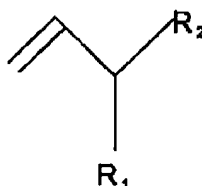
5. **(Previously Presented)** The polymer composition according to claim 4, wherein the propylene polymer contains units derived from cycloalkane units, 3-methyl-1-butene, styrene, p-methyl-styrene, 3-ethyl-hexane units or mixtures thereof.
6. **(Canceled)**
7. **(Previously Presented)** The polymer composition according to claim 1, wherein the polymer nucleated with a polymerized vinyl compound comprises a propylene homo- or copolymer blended with a polymer containing polymerized vinyl compound units.
8. **(Currently Amended)** The polymer composition according to claim 1, wherein the pigment is selected from the group consisting of ~~white pigments~~, pigments ranging from yellow to orange, pigments ranging from red to violet, and pigments ranging from blue to green ~~and carbon black~~.
9. **(Currently Amended)** The polymer composition according to claim 8, wherein the pigment is selected from the group consisting of ~~titanium dioxide, isoindolinone, azocondensation, quinacridone, diketo pyrrolo pyrrol, ultramarine blue, and Cu Phtalocyanine blue and carbon black~~.
10. **(Currently Amended)** A method for controlling shrinkage of a molded colored polymer composition comprising
 - (a) modifying a polymerization catalyst with vinyl compounds;
 - (b) ~~using reacting~~ said modified catalyst ~~in a reaction~~ with propylene to produce a nucleated propylene polymer; and

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(c) blending said nucleated propylene polymer with a non-white or non-black coloring pigment,

wherein said pigment is 2 wt-% to 5 wt-% calculated from the weight of said nucleated propylene polymer and wherein said delta max for cross direction shrinkage in said molded composition is less than 0.38%.

11. **(Previously Presented)** The method according to claim 10 wherein 100 parts by weight of said nucleated [poly]propylene polymer composition contains about 0.0001 to 1% by weight of units derived from a vinyl compound of the formula



wherein R₁ and R₂ together form a 5 or 6 membered saturated or unsaturated or aromatic ring or they stand independently for a lower alkyl comprising 1 to 4 carbon atoms.

12. **(Previously Presented)** A method for the manufacture of polymer articles comprising subjecting the polymer compound according to claim 1 to injection moulding or compression moulding, thermoforming, blow moulding, film or sheet extrusion, or pipe or cable extrusion to obtain polymer articles.
13. **(Previously Presented)** A method according to claim 12, wherein said polymer articles are caps or closures for food, household, hygiene or health-care applications.
14. **(Previously Presented)** The polymer composition according to claim 5, wherein said propylene polymer contains units selected from units derived from the group consisting

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of vinyl cyclohexane, vinyl cyclopentane, vinyl-2-methyl cyclohexane or mixtures thereof.

15. **(Currently Amended)** The method according to claim 11, wherein said nucleated propylene polymer is blended with 2 parts to 5 parts by weight of a non-white or non-black coloring pigment selected from the group consisting of white pigments, green pigments, red pigments, and blue pigments and ~~carbon black~~, to provide a colored polypropylene composition, wherein the shrinkage of said colored polypropylene composition varies less than 5% for different color pigments, said shrinkage being calculated by comparing the measured dimension of an injection moulded box with the nominal mould dimension.

16. **(Canceled)**